Applicant/Grantee		Advantech Co., Ltd.					
FCC ID:		FCC ID: M82-EKI6323AG					
Section 15.212 Modular Transmitters							
Request for Modular Approval Request for Limited Modular Approval							
		Requirements	EUT Conditions	Comply (Y/N)			
Single Modular Approval Requirements							
1	The radio ele	ements of the modular	Device is equipped with shielding to	YES			
		nust have their own	cover RF module.				
	shielding. Th	ne physical crystal and					
		itors may be located					
	external to the	ne shielded radio elements.					
2	The modular	transmitter must have	All inputs to the modules are buffered	YES			
	buffered mo	dulation/data inputs (if such	through logic or microprocessor inputs.				
	inputs are pr	ovided) to ensure that the					
	module will	comply with Part 15					
	-	s under conditions of					
		ta rates or over-modulation.					
3		transmitter must have its	Internal and 3.3VDC power.	YES			
		supply regulation.					
4		transmitter must comply	The antenna connector is R SMAwith	YES			
		enna and transmission	cable. Refer to antenna specification and				
		rements of Sections 15.203,	RF Cable specification.				
		d 15.204(c). The antenna					
		be permanently attached or					
	1 "	nique" antenna coupler (at					
		ons between the module and					
		including the cable). The l installation" provision of					
		03 is not applicable to					
		can apply to limited					
		rovals under paragraph (b)					
	of this section						
5		transmitter must be tested	Device was tested stand-alone. Refer to	YES			
		one configuration, <i>i.e.</i> , the	setup photo.				
		t not be inside another					
	device durin	g testing for compliance					
	with Part 15	requirements. Unless the					
	transmitter n	nodule will be battery					
		nust comply with the AC					
		ed requirements found in					
		07. AC or DC power lines					
		ut/output lines connected to					
		nust not contain ferrites,					
	-	will be marketed with the					
	,	Section 15.27(a)). The					
	_	se lines shall be the length					
	* *	tual use or, if that length is					
		least 10 centimeters to					
		nere is no coupling between					
	ine case of the	ne module and supporting					

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	equipment. Any accessories, peripherals,		
	or support equipment connected to the		
	module during testing shall be		
	unmodified and commercially available		
	(see Section 15.31(i)).		
6	The modular transmitter must be	Label is to be placed on the module and	YES
	equipped with either a permanently	user's manual.	
	affixed label or must be capable of		
	electronically displaying its FCC		
	identification number.		
	(A) If using a permanently affixed label, the		
	modular transmitter must be labeled with its own		
	FCC identification number, and, if the FCC		
	identification number is not visible when the		
	module is installed inside another device, then		
	the outside of the device into which the module is		
	installed must also display a label referring to the enclosed module. This exterior label can use		
	wording such as the following: "Contains		
	Transmitter Module		
	FCC ID: XYZMODEL1" or "Contains FCC ID:		
	XYZMODEL1." Any similar wording		
	that expresses the same meaning may be used.		
	The Grantee may either provide such a label, an		
	example of which must be included in the		
	application for equipment		
	authorization, or, must provide adequate instructions along with the module which explain		
	this requirement. In the latter case, a copy of		
	these instructions must be included in the		
	application for equipment authorization.		
	(B) If the modular transmitter uses an electronic		
	display of the FCC identification number, the		
	information must be readily accessible and		
	visible on the modular transmitter or on the device in which it is installed. If the module is		
	installed inside another device, then the outside		
	of the device into which the module is installed		
	must display a label referring to the enclosed		
	module. This exterior label can use wording such		
	as the following:		
	"Contains FCC certified transmitter module(s)."		
	Any similar wording that expresses the same		
	meaning may be used. The user manual must include instructions on how to access the		
	electronic display. A copy of these instructions		
	must be included in the application for		
	equipment authorization.		
7	The modular transmitter must comply	Comply with FCC rules.	YES
	with any specific rules or operating		
	requirements that		
	ordinarily apply to a complete		
	transmitter and the manufacturer must		
	provide adequate instructions along with		
	the module to explain any such		
	requirements. A copy of these		
	instructions must be included in the		
	application for equipment authorization.		
	application for equipment authorization.		

The modular transmitter must comply with any applicable RF exposure	Comply with FCC rules.	YES
requirements in its final configuration.		

A **limited modular approval** may be granted for single or split modular transmitters that do not comply with all of the above requirements, *e.g.*, shielding, minimum signaling amplitude, buffered modulation/data inputs, or power supply regulation, if the manufacturer can demonstrate by alternative means in the application for equipment authorization that the modular transmitter meets all the applicable Part 15 requirements under the operating conditions in which the transmitter will be used. Limited modular approval also may be granted in those instances where compliance with RF exposure rules is demonstrated only for particular product configurations. The applicant for certification must state how control of the end product into which the module will be installed will be maintained such that full compliance of the end product is always ensured.

Signature

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